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Commissioner for Patents  
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On November 7, 2003

TOWNSEND and TOWNSEND and CREW LLP

By: Leticia A. Hernandez  
Leticia A. Hernandez

PATENT  
Attorney Docket No.: 015270-006444US  
Client Ref. No.: 228-US-NEW2C4

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TECH CENTER 1600/2900

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

John P. Anderson et al.

Application No.: 09/724,571

Filed: November 28, 2000

For: BETA-SECRETASE ENZYME  
COMPOSITIONS AND METHODS

Customer No.: 20350

Confirmation No. 6100

Examiner: Examiner Walicka

Technology Center/Art Unit: 1652

COMMUNICATION UNDER  
37 C.F.R. 1.821-1.825

AND

AMENDMENT

Commissioner for Patents  
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Alexandria, VA 22313-1450

Sir:

This paper and the paper copy and computer readable copy of the Substitute  
Sequence Listing are being submitted to replace the first filed Sequence Listing.

**Amendments to the Specification** begin on page 2 of this paper.

**Remarks/Arguments** begin on page 3 of this paper.